



date: September 8, 1971

B71 09011

MEMORANDUM FOR FILE

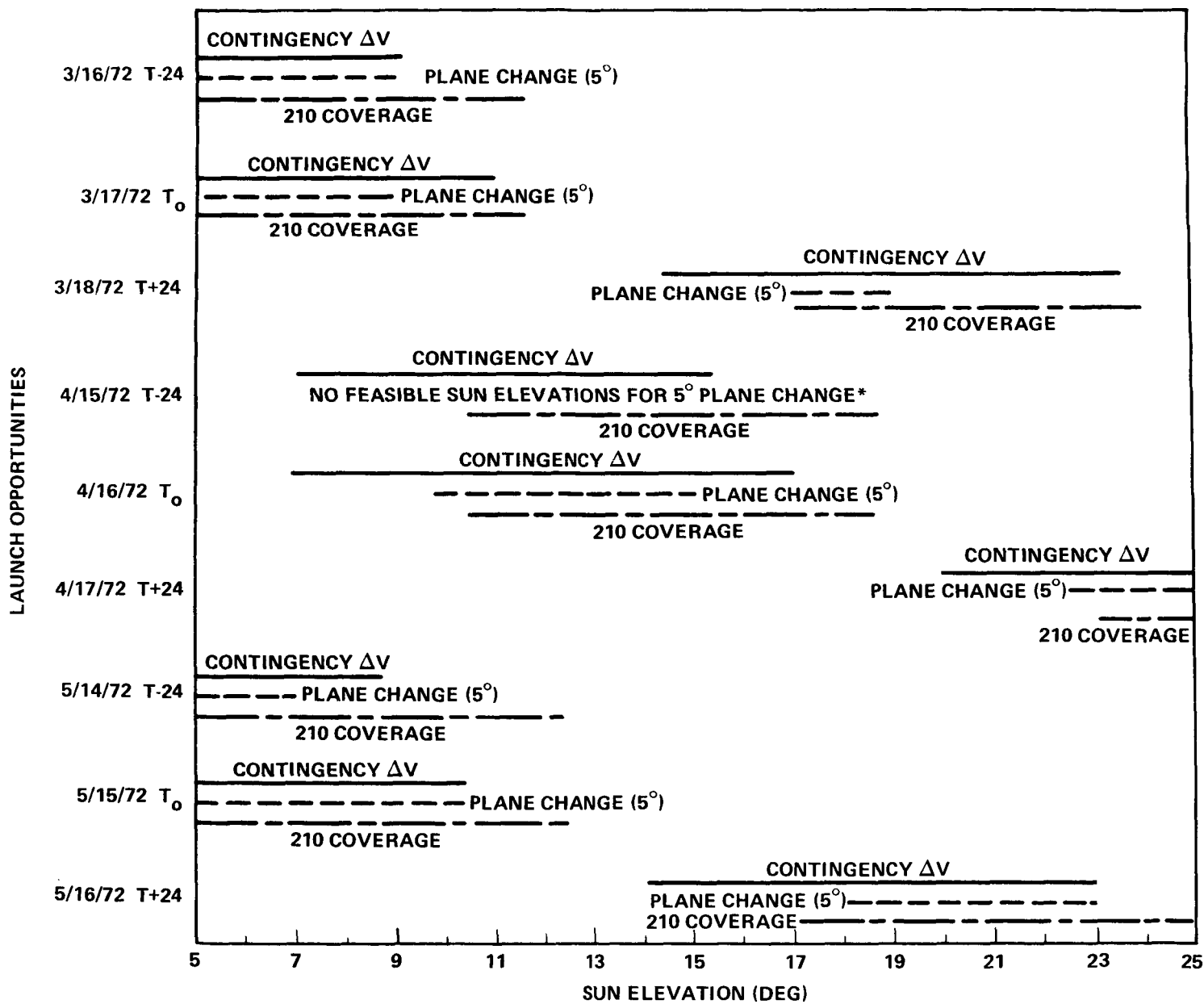
For a T-24 opportunity in April, a five-degree plane change capability is possible for a 72° launch azimuth but not for 90 or 100°. However, four degree plane change capability is feasible throughout the launch window for a sun elevation range of 9-11 degrees. For a T-24 opportunity in May, five-degree plane change capability is possible only for sun elevations up to 7°.

R. J. Stern
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Attachment

FF No. 6

(NASA-CR-121683) FEASIBLE SUN ELEVATION
RANGES FOR THE APOLLO 16 DESCARTES MISSION
(Bellcomm, Inc.) 3 p



*7-13° FEASIBLE FOR 72° LAUNCH AZIMUTH, NO FEASIBLE VALUES FOR 90 OR 100° LAUNCH AZIMUTH WITH 5° PLANE CHANGE

FEASIBLE SUN ELEVATION RANGES FOR APOLLO 16



Subject: Feasible Sun Elevation Ranges
for the Apollo 16 Descartes
Mission - Case 310

From: R. J. Stern

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